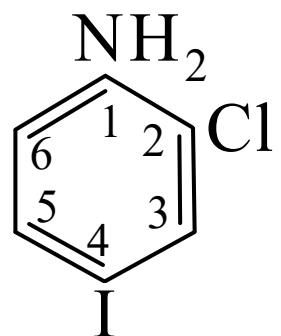




>>Entry Name: 2-Chloro-4-iodoaniline, 8Cl

Synonym(s): 2-Chloro-4-iodobenzenamine, 9Cl



CAS Registry Number: 42016-93-3

Molecular Formula: C₆H₅ClIN

Molecular Weight: 253.469

Accurate Mass: 252.915524

Percentage Composition: C 28.43%; H 1.99%; Cl 13.99%; I 50.07%; N 5.53%

Physical Description: Prisms (EtOH)

Melting Point: Mp 73°

Rare Chemicals Library: S54159-1

>>Derivative: Hydrochloride

Melting Point: Mp 190 dec.°

>>Derivative: N-Ac

Synonym(s): 2-Chloro-4-iodoacetanilide

CAS Registry Number: 135050-05-4

Molecular Formula: C₈H₇ClINO

Molecular Weight: 295.507

Accurate Mass: 294.926089

Percentage Composition: C 32.52%; H 2.39%; Cl 12.00%; I 42.94%; N 4.74%; O 5.41%

Melting Point: Mp 144°

References:

Caldwell, W. *et al.*, *J.C.S.*, 1907, **91**, 240-249, (*synth*)

Dains, F.B. *et al.*, *J.A.C.S.*, 1918, **40**, 930-936, (*synth*)

Bachki, A. *et al.*, *Tetrahedron*, 1994, **50**, 5139-5146, (*synth, ir, pmr, ms*)